

CAL POLY REPORT

California Polytechnic State University
San Luis Obispo, California 93407

June 8, 1978

Volume 29, Number 39

Acting heads appointed for new departments

Appointment of five faculty members as acting heads of newly-formed departments of Cal Poly's School of Architecture and Environmental Design has been announced by President Robert E. Kennedy.

Scheduled to begin their new assignments on July 1, the new acting department heads and their departments are Carleton M. Winslow Jr., Architecture; Dell O. Nickell, Architectural Engineering; Joseph M. Kourakis, City and Regional Planning; James A. Rodger, Construction; and John F. Gillham, Landscape Architecture.

The appointments are part of the reorganization of the School of Architecture and Environmental Design along traditional academic department lines, announced two weeks ago by President Kennedy.

With George J. Hasslein as dean, the school had operated over the past decade on an interdisciplinary model with four directors working with the dean in administration of the school. Hasslein will continue as dean.

The four directors -- William H. Brown, Paul Neel, W.R. Phillips, and Kenneth Schwartz -- who volunteered their resignations to make room for the new department heads, are expected to continue as members of the School of Architecture and Environmental Design faculty. (continued on page 2)

COMMENCEMENT 1978 SCHEDULED SATURDAY IN MUSTANG STADIUM

More than 3,400 persons will be candidates for degrees and certificates when Cal Poly holds its 72nd annual commencement at 3:30 pm on Saturday (June 10) in Mustang Stadium. Included in the 3,487 candidates will be 283 for master's degrees, 3,127 for bachelor's degrees, and 39 for technical certificates. Thirty-eight of the candidates will receive two bachelor's degrees.

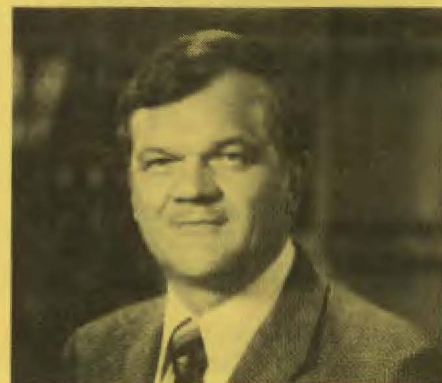
President Robert E. Kennedy will confer the degrees and will introduce Roy T. Brophy, chairman of the Trustees of The California State University and Colleges, who will deliver the commencement address. Also scheduled to take part in the traditional commencement ceremony are Hazel J. Jones (Vice President for Academic Affairs) who will present the degree candidates; ASI President Paul F. Curtis, who will give the farewell address; and V. Deane Keller and John R. Springer, who will give the invocation and benediction, respectively. Rev. Keller is pastor of Grace Church in San Luis Obispo and Rev. Springer is pastor of The Presbyterian Church of San Luis Obispo.

Music for the commencement ceremony will be provided by the Cal Poly Symphonic Band under the direction of William V. Johnson (Music) and the Cal Poly Men's Glee Club, which is conducted by Stanley A. Malinowsky Jr. (Music). Other commencement day activities at Cal Poly will include the Senior Brunch, an initiation ceremony for new members of Phi Kappa Phi national honorary society, and a commissioning ceremony for grad-

uates who have completed the U.S. Army Reserve Officers Training Corps program.

By specific degrees, candidates to be honored during the ceremonies include 133 for the Master of Arts, 5 for the Master of Engineering, 125 for the Master of Science, 15 for the Master of Business Administration, 4 for the Master of Architecture, and 1 for the Master of City and Regional Planning. Also included are 2,846 candidates for the Bachelor of Science Degree and 281 for the Bachelor of Arts Degree.

When divided among Cal Poly's seven academic schools, the bachelor's degree candidates for 1978 include 764 from Agriculture and Natural Resources, 347 from Architecture and Environmental Design, 305 from Business, 275 from Communicative Arts and Humanities, 520 from Engineering and Technology, 517 from Human Development and Education, and 273 from Science and Mathematics. A total of 126 of the bachelor's degree candidates are from the university's Division of Social Sciences.



Roy T. Brophy

University will have archivist

Establishment of the position of University Archivist has been approved by President Robert E. Kennedy. As recommended by the Cal Poly Academic Senate, the Archivist would have custody of and exercise control over all official university records. The Director of the Library will be designated as archivist, and may further

delegate the responsibilities to another member of the professional library staff. The Academic Senate has established an Ad Hoc Committee on Archives for one year to advise Hazel J. Jones (Vice President for Academic Affairs), who has been charged with implementing the policy.

Wilson is new associate dean

Malcolm W. Wilson is Cal Poly's new associate dean, curriculum and instruction, according to an announcement from President Robert E. Kennedy.

A member of the Cal Poly faculty since 1968 and associate dean, graduate studies since 1975, Dr. Wilson began his new assignment on May 15. He succeeds David W. Cook, who retired last December after having been in the position for several years.

The new associate dean, curriculum and instruction is a graduate of Western State College in Colorado, where he earned his bachelor's and master's degrees, and University of Arizona, where he completed his doctor's degree requirements in 1973.

He joined the faculty of Cal Poly's Education Department after having taught at University of Arizona and in public schools in Colorado, Arizona, and Florida.

Since moving to Cal Poly, Dr. Wilson has played an important role in administration of the university's overseas educational and graduate studies programs, and in development of reading education programs administered by its Education Department.

In his new assignment, Dr. Wilson will serve as coordinator of the university's biennial catalog of courses, review recommendations for curriculum changes, and assist with recommendations on academic program staffing.

Academic Senate election results

Max E. Riedlsperger has been elected chairman of the Cal Poly Academic Senate. A professor in the History Department since 1969, Dr. Riedlsperger will head the 60-member faculty organization for the 1978-79 school year. He began his new duties on June 1. Dr. Riedlsperger earned his bachelor's degree at Wabash College in Indiana, his master's degree at University of Michigan, and his doctorate at University of Colorado. Elected to serve with Dr. Riedlsperger were Linda Atwood (Chemistry), vice-chairwoman; and Alan Foutz (Crop Science) secretary.

Release time for senate officers

President Robert E. Kennedy has approved release time for Cal Poly employees serving as president and as secretary of the Staff Senate. The 10 hours total per week release time was recommended last February by the Staff Senate. President Kennedy calls the attention of all campus personnel to the provisions of section 392 of the Campus Administrative Manual, which provides that employees may be given time off from regular duties to attend meetings of the Staff Senate and its committees.

New Academic Senate committee

With the approval and support of President Robert E. Kennedy, the Cal Poly Academic Senate has established an Ad Hoc Committee on Faculty Teaching Development. Based on the success of the "Exploring Teaching Effectiveness" program during the 1977 Fall conference, the committee will seek ways of building on and furthering the concept of teaching effectiveness. Dr. Kennedy expressed his pleasure at the formation of the committee, and offered university staff assistance in their effort.

New department heads (continued)

The new acting department heads will serve for approximately a year while a national search for heads of each of the new departments is carried out.

Gillham joined the Cal Poly faculty in 1975 after having been on the University of Oregon faculty and being in private practice as a landscape architect in both Oregon and Colorado. He earned his bachelor's and master's degrees in landscape architecture at University of Oregon.

A member of the faculty since 1970, Kourakis earned bachelor's and master's degrees in architecture at University of Illinois and a master's degree in city and regional planning at University of California. Before coming to Cal Poly, he was in private practice as an architect and planner in the San Francisco area.

Nickell has been a member of the

Duarte will be acting dean, graduate studies

Dr. Arthur C. Duarte will begin new duties as acting associate dean, graduate studies on July 1, according to President Robert E. Kennedy, who announced his appointment. Dr. Kennedy said Dr. Duarte will fill the post on the university's academic affairs staff during the 1978-79 academic year while a search for an associate dean, graduate studies is conducted.

The new acting associate dean, graduate studies is an alumnus of Cal Poly who earned his master's degree at Oregon State University, and his doctor's degree at Washington State University. He has been a member of the Agricultural Management Department faculty since 1965.

Dr. Duarte will succeed Malcolm W. Wilson, who recently became associate dean, curriculum and instruction after having been associate dean, graduate studies since 1975. Dr. Wilson will continue to work with graduate programs as an added responsibility until Dr. Duarte begins his new assignment.



faculty since 1965. Before that he was an engineer with several governmental agencies and in private practice in California. He earned his bachelor's degree at San Jose State University and his master's degree in engineering at Arizona State University.

Rodger joined the university faculty in 1976 after having been a general contractor in Florida and a supervising engineer in North Carolina. He completed study for his bachelor's and master's degrees in building construction at University of Florida.

Winslow formerly was in private practice as an architect in both California and Hawaii and a member of the University of Southern California faculty. A member of the Cal Poly faculty since 1969, he earned his bachelor's degree in architecture at USC and holds master's degrees from both USC and University of San Diego.

STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Contact the Personnel Office to obtain an application. The University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

Departmental Secretary I-B, \$814-\$974/month, Graduate Studies/International Programs. Duties and responsibilities: open and date stamp mail, sort for the correspondence to be handled by secretary, take dictation, act as receptionist handling telephone calls, helping visitors, and scheduling meetings large and small, filing systems, distribution of graduate bulletins and information, budgets, program recruitment for international programs, discuss study overseas with students and faculty, maintain a working relationship with campus offices, process application forms for international programs. Requirements: equivalent to three years of general clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken General Clerical Test. Closing date: 6-22-78.

Clerical Assistant II-B, \$779-\$931/month, temporary-help position, ends 9/15/78, Placement Center. Duties and responsibilities include general office clerical tasks; processing student placement files and alumni fee program; record keeping involved in establishing, maintaining, and mailing out Teacher Placement Files; assisting with reception duties. Requirements: equivalent to one year general clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Closing date: 6-22-78.

Clerical Assistant II-A, \$729-\$871/month, Admissions and Records. Duties and responsibilities include working with student records in University Records Office, assisting with registration, preparation of grades, etc. Working in the University Admissions Office, processing applications for admission of students. Requirements: equivalent to one year general clerical experience, type 45 wpm, and must have taken General Clerical Test. Closing date: 6-29-78.

Software Support Technician, Senior Data Control Technician, \$961-\$1,152/month, Computer Center. Administrative and business programming applications. Responsibilities: Documentation, software inventory, disk libraries and shop stan-

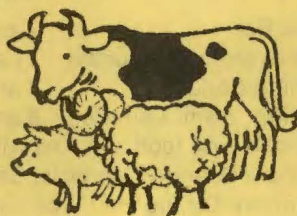
dards; (6 programmers). IBM-360 JCL programming; file creation and backup. Knowledge of COBOL, data security and quality control preferred. Requirements: equivalent to three years related work experience; technical writing skills. Closing date: 7-1-78.

Senior Data Entry Operator, \$848-\$1,014/month, Computer Center. Duties and responsibilities include supervising key-punch and related clerical activities; scheduling and coordinating a variety of key-punch and data preparation activities; maintaining work records and procedures manuals; training new student assistants, assisting faculty, staff and students with account numbers, terminal and tour scheduling, etc. Requirements: equivalent to two years of experience in the operation of key data/verifier machines. Supervisory experience and some college education highly desirable. Closing date: 6-22-78.

FOUNDATION VACANCIES

The Foundation is accepting applications for the following open position as announced by J.L. Fryer, Personnel Officer. Interested applicants may apply at the Foundation Personnel Office, University Union Building, Room 212, 546-1121. Cal Poly Foundation is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

Butcher Shop Coordinator: \$987-\$1,184, Food Service. Responsible for supervision and operation of Food Service Butcher Shop; control/responsibility of all beef, pork, poultry, and fish inventories. Other responsibilities include planning, coordinating and preparation of all meat and related items, sanitation and safety of area. Requirement: Minimum of 5 years experience in the trade with at least 3 years working for company that specializes in cutting meat for hotels, restaurants or institutional use. (Completion and certification from a meat cutting trade school may be substitutes for two years of the required experience.) Closing: 6-22-78.



FACULTY VACANCIES

Candidates for positions on the faculty of the University are presently being sought according to Donald L. Shelton, Director of Personnel Relations. Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing Affirmative Action and Equal Employment Opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

Student Affairs Officer III, 12 month, \$16,356-\$19,692/year, dependent upon qualifications and experience, Placement Center, Student Affairs Division. Position available July 17, 1978. Associate Director of Placement. Responsible for the daily operation of a centralized placement program providing services in educational placement, student employment and career placement within the Agriculture, Business, Industry, Government professions. Directly involved in student advisement, staff development, student/employer/faculty relations. Provides input for program development, job development, curriculum planning, public relation programs and budget preparation. Master's degree desirable, Bachelor's degree with appropriate experience required. Five years of placement or related experience, three of which must be at a supervisory level. Closing date for application: July 7, 1978.

Coach (.8 position) \$14,352-\$17,299/academic year dependent upon preparation and experience, Physical Education Department, School of Human Development and Education, effective September 1978. Duties include coaching responsibility for the Women's and Men's Varsity Volleyball teams and teaching physical education general activity and professional courses. Experience in coaching men's and women's volleyball at the college level and Master's degree preferred. Closing date: 7-7-78.

Lecturer(s), part-time, \$483-\$528/quarter, based on 2-unit teaching load, Electronic and Electrical Engineering Department, School of Engineering and Technology. Possible positions available during 1978-79 academic year. Duties primarily include teaching of laboratory sections. B.S. degree and/or appropriate experience preferred. Closing date: 9-22-78.

Lecturer, 3/15 position, \$2,851-\$3,427/academic year, Agricultural Management Department, School of Agriculture and Natural Resources. Need an instructor in Agricultural Law. An attorney with training in agricultural law is preferred. Position available September 1978. Closing date: 6-23-78.

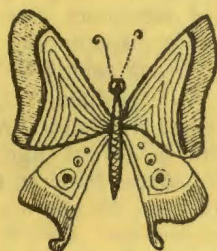
Assistant Professor, \$14,256-\$17,136/academic year, Crop Science Department, School of Agriculture and Natural Resources. This is a regular tenure track position. Duties include teaching vegetable science and intensive row crop courses in both lectures and laboratories and supervising field enterprises in vegetable crops. Master's degree in Crop Science or Horticulture with a Ph.D. desirable. Appropriate experience in the field is essential. Closing date: 6-30-78.

Lecturers, \$4,752-5,712/quarter, based on a 15-unit teaching load; salary varies with teaching load and experience, Chemistry Department, School of Science and Mathematics. Duties include teaching undergraduate chemistry lectures and laboratories. Prefer Ph.D. in Chemistry, Biochemistry or Chemical Engineering as well as professional and teaching experience. Positions available Fall, Winter, and Spring Quarters, 1978-79. Closing date: 8-1-78.

Lecturers, \$241-\$264/per unit/per quarter, Chemistry Department, School of Science and Mathematics, part-time positions. Duties include teaching lower division chemistry laboratories. Candidates must be enrolled in Chemistry Graduate Program and have passed Chemistry qualifying exams. Positions available Fall, Winter and Spring Quarters, 1978-79. Closing date: 9-18-78.

Lecturer, Associate, Full Professors, \$15,624-\$27,348/academic year, depending on qualifications, Accounting Department, School of Business. Full-time positions for 1979-80 to teach accounting courses. Doctorate or ABD's near completion with degree or major in Accounting. Teaching, research, publication, professional service and practical experience. Minimum of MBA/professional certification preferred. Openings in September 1979. Closing date: 1-15-79.

Lecturer, \$4,752-\$7,208/quarter, Agricultural Engineering Department, School of Agriculture and Natural Resources. Duties include teaching courses in agricultural mechanics and agricultural drafting. A minimum of a Bachelor's degree in agricultural engineering or mechanized agriculture or their equivalent is required. A Master's degree in either field desirable. Teaching experience and industrial experience desirable. Appointment level will depend upon experience and qualifications. Position Fall Quarter 1978 only. Closing date 6-30-78.



Library Schedule

The University Library hours for the period of June 11-19 will be as follows:

June 11 (Sun.) Closed
June 12-16 (Mon.-Fri.) 7:30 am to 5 pm
June 17-18 (Sat.-Sun.) Closed
June 19 (Mon.) 7:30 am to 5 pm

The Summer Quarter hours will begin on Tuesday (June 20) and continue until the end of the quarter, Aug. 31. The following schedule will be implemented:

Mon.-Thurs. 7:30 am to 10 pm
Fri. 7:30 am to 5 pm
Sat. 1 pm to 5 pm
(extended hours: 9 am to 1 pm)
Sun. 1 pm to 5 pm

The extended hours from 9 am to 1 pm on Saturday will cover the Limited Loan/Reserve Room, Room 207A, Duplication Room, and Lobbies.

Faculty/staff pre-registration

Gerald N. Punches (Registrar) reminds all faculty and staff who plan to enroll for regular credit at Cal Poly for the 1978 Summer Quarter to bring their completed registration books to the Registrar's Office, Adm. 219, by June 14. Class cards and other registration materials must be picked up at the P.A. Desk in the gym and fees paid before registration concludes on June 19.

Food service hours - Quarter break

Everette Dorrough (Food Service Director) has announced that the following hours of operation will be in effect over the Summer Quarter Break:

OPEN

Vista Grande Restaurant	Saturday, June 10 and Sunday, June 11	11 am - 7 pm
Burger Bar	Saturday, June 10	8 am - 4 pm
	Sunday, June 11	CLOSED

The following will all be closed Saturday and Sunday, June 10 and 11: Snack Bar; Sandwich Plant; Ice Cream Parlour; University Dining Room; Vista Grande Cafeteria; Vending, (Cellar, Annex, and Administrative Lounge); and Staff Dining Room.

Beginning Monday, June 12 through Sunday, June 18

OPEN	Monday-Friday	Saturday-Sunday
Snack Bar	7 am - 3:30 pm	CLOSED
Vista Grande Restaurant	11 am - 7 pm	11 am - 7 pm
Vending Cellar	7 am - 4 pm	CLOSED
Vending, Adm. Lounge	8 am - 4:30 pm	CLOSED

The following food services will be closed Monday, June 12 through Sunday, June 18: Vista Grande Cafeteria; Sandwich Plant; Annex Vending; Staff Dining Room; University Dining Hall; Ice Cream Parlour; and Burger Bar.

Bus reminder

Persons who have purchased seats aboard the Alumni Association bus slated for roundtrip service for Cal Poly Alumni Day at Dodger Stadium are reminded that the bus will depart from in front of Vista Grande at 8 am on Sat. (June 24) and return immediately following the game. Participants are to provide for their own refreshments.

New curriculum books open for evaluation

The public is being given the opportunity to peruse and evaluate new instructional materials being considered for adoption by the California State Board of Education. The Instructional Materials Displays Center in the Dexter Library, in a joint undertaking with the San Luis Obispo County Office of Education, has on display materials recommended for adoption by the Curriculum Development and Supplemental Materials Commission.

Materials related to reading, literature, language arts, bilingual/bicultural education, and foreign language are being highlighted in the display. The display will be available for viewing in Library 208 through Thursday (June 15). Open hours are 7:45 am to 10 pm, Monday through Thursday; 8 am to 5 pm, Friday and Saturday; and 1 pm to 10 pm, Sunday.

June 8, 1978

NATIONAL SCIENCE FOUNDATION
INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH ACTIVITY

An important notice was received by the Research Development Office recently. This notice announced the intention of the National Science Foundation to provide funding for the encouragement of cooperative research between industry and universities and colleges.

There has been a growing concern voiced by the Congress, the National Science Board, and the scientific and technological community about the need for more effective communication and cooperation between scientists in colleges and universities and scientists in industry. The universities produce knowledge and trained manpower, and the industrial sector translates knowledge into socially and economically useful developments. The ties between these two segments of the Nation's scientific and technological resources need to be strengthened.

As a direct response to this situation, the National Science Foundation plans to increase funding for the support and encouragement of cooperative research between universities and industrial firms. To qualify for support, proposals must be prepared jointly by academic and industrial researchers and must be submitted jointly by their respective institutions. The research should focus on fundamental scientific questions rather than on technological development. The Foundation will make awards to either academic or industrial organizations depending on which is the more appropriate for a particular cooperative research effort.

Proposals are to be submitted to NSF in accordance with instructions contained in the NSF published document "Grants for Scientific Research (NSF 76-38)." Proposals are to be identified on the cover page as candidates for the industry/university cooperative competition.

ELIGIBILITY AND PROPOSAL PREPARATION

Universities and colleges and established profit-making industrial firms including small businesses (or groups of such firms) are eligible for the competition. A major consideration will be the extent to which the cooperating entities represent bona fide independent operations as evidenced by the absence of interlocking relationships. A further consideration will be the extent to which the proposed research may be expected to make a long-term contribution toward product and/or process innovation.

CRITERIA FOR GRANT AWARDS

Proposals will be judged first on scientific excellence, using NSF criteria and established peer review procedures. The potential of the research to enhance cooperation between academic and industrial organizations will be a factor in the award decision. In general, active participation by both academic and industrial researchers will be required.

Some cost sharing by academic and industrial organizations participating in the program is desirable. Cost-sharing may involve funds, laboratory space, and/or personnel services.

INQUIRIES

Inquiries concerning support for cooperative research efforts may be directed to the following NSF directorates and officers as most appropriate:

Dr. Ronald E. Kagarise
Deputy Assistant Director
Mathematical and Physical Sciences
and Engineering (202/632-4240)

Dr. James H. Brown
Deputy Assistant Director
Biological, Behavioral, and Social
Sciences (202/634-1553)

Mr. Richard Green
Director of Operations
Applied Science and Research Applications
(202/632-7426)

Mr. Daniel Hunt
Deputy Assistant Director
Astronomical, Atmospheric, Earth,
and Ocean Sciences
(202/632-4166)

PUBLICATION AND PATENT POLICY

Timely publication of research results will be required. Patent rights will be governed by the usual NSF policy as expressed in Section 650 of Title 45 of the Code of Federal Regulations.